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## 1 [The impact of research on middleware technology](#)

 Wolfgang Emmerich, Mikio Aoyama, Joe Svontek  
January 2007 ACM SIGOPS Operating Systems Review, Volume 41 Issue 1  
Publisher: ACM

Full text available:  [pdf\(573.57 KB\)](#)

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**Bibliometrics:** Downloads (6 Weeks): 29, Downloads (12 Months): 522, Citation Count: 0


The middleware market represents a sizable segment of the overall Information and Communication Technology market. In 2005, the annual middleware license revenue was reported by Gartner to be in the region of 8.5 billion US Dollars. In this article we ...

## 2 [Supporting multiple consistency models within a mobility enabled file system using a component based framework](#)

Simon Cuce, Arkady Zaslavsky

August Mobile Networks and Applications, Volume 8 Issue 4  
2003

**Publisher:** Kluwer Academic Publishers

Full text available:  [pdf\(258.26 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#),  
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**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 37, Citation Count: 1


Most existing Distributed File Systems (DFSs) implement a single consistency model to maintain one-copy equivalence. The functionality of that consistency model is based on a balance between environmental constraints and the targeted level of consistency. ...

**Keywords:** components, consistency control, distributed file system, middleware

## 3 [Simulation standards: current status, needs, future directions, panel: simulation standards: current status, needs, and future directions](#)

Charles McLean, Swee Leong, Charley Harrell, Philomena M. Zimmerman, Roberto F. Lu  
December WSC '03: Proceedings of the 35th conference on Winter simulation:  
2003 driving innovation

**Publisher:** Winter Simulation Conference

Full text available:  [pdf\(276.74 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#)

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 37, Citation Count: 2

How could the manufacturing modeling and simulation process be improved? Today simulation analysts typically code their models from scratch and build custom data translators to import required data. Manufacturing simulations often are built as single ...

## 4 [The impact of research on middleware technology](#)



Wolfgang Emmerich, Mikio Aoyama, Joe Sventek

January 2007 ACM SIGSOFT Software Engineering Notes, Volume 32 Issue 1

**Publisher:** ACM

Full text available:  [pdf\(2.24 MB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 36, Downloads (12 Months): 700, Citation Count: 0


The middleware market represents a sizable segment of the overall Information and Communication Technology market. In 2005, the annual middleware license revenue was reported by Gartner to be in the region of 8.5 billion US Dollars. In this article we ...

## 5 [At the forge: amazon web services](#)

Reuven M. Lerner

March 2006 Linux Journal, Volume 2006 Issue 143

**Publisher:** Specialized Systems Consultants, Inc.

Full text available:  [html\(18.92 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 20, Downloads (12 Months): 115, Citation Count: 0

i



## 6 [A conversation with Leo Chang of ClickShift](#)



Charlene O'Hanlon

June 2006 Queue, Volume 4 Issue 5

**Publisher:** ACM

Full text available:  [pdf\(160.57 KB\)](#)  [html\(21.73 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 37, Citation Count: 0

In the world of component software, simplicity, not standards might be the key.


## 7 [Component evolution and versioning state of the art](#)



Alexander Stuckenholtz

January 2005 ACM SIGSOFT Software Engineering Notes, Volume 30 Issue 1

**Publisher:** ACM

Full text available:  [pdf\(213.99 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 8, Downloads (12 Months): 151, Citation Count: 4


Emerging component-based software development architectures promise better re-use of software components, greater flexibility, scalability and higher quality of services. But like any other piece of software too, software components are hardly perfect, ...

## 8 [Some Trends in Web Application Development](#)

Mehdi Jazayeri

May 2007 FOSE '07: 2007 Future of Software Engineering

**Publisher:** IEEE Computer Society

Full text available:  [pdf\(172.29](#)

[KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#),

[index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 48, Downloads (12 Months): 1500, Citation Count: 2

A Web application is an application that is invoked with a Web browser over the Internet. Ever since 1994 when the Internet became available to the public and especially in 1995 when the World Wide Web put a usable face on the Internet, the Internet ...

## 9 [Fluid annotations through open hypermedia: using and extending emerging web standards](#)



Niels Olof Bouvin, Polle T. Zellweger, Kaj Grønbaek, Jock D. Mackinlay

May WWW '02: Proceedings of the 11th international conference on World Wide Web 2002

**Publisher:** ACM

Full text available:  [pdf\(1.24](#)

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**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 47, Citation Count: 6

The Fluid Documents project has developed various research prototypes that show that powerful annotation techniques based on animated typographical changes can help readers utilize annotations more effectively. Our recently-developed Fluid Open Hypermedia ...

**Keywords:** RDF, XLink, XPointer, annotations, annota, fluid documents, web augmentation with open hypermedia

## 10 [FieldWise: a mobile knowledge management architecture](#)



Henrik Fagrell, Kerstin Forsberg, Johan Sanneblad

December CSCW '00: Proceedings of the 2000 ACM conference on Computer supported cooperative work 2000

**Publisher:** ACM

Full text available:  [pdf\(470.03](#)

[KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#),

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**Bibliometrics:** Downloads (6 Weeks): 11, Downloads (12 Months): 225, Citation Count: 8

The paper presents results of a research project that has aimed at developing a knowledge management architecture for mobile work domains. The architecture developed, called FieldWise, was based on fieldwork in two organisations and feedback from users ...

**Keyw ords:** hand-held devices, knowledge management, mobile CSCW, organisational memory

## 11 [A conversation with Roger Sessions and Terry Coatta](#)



Jim Maurer

September 2005 Queue, Volume 3 Issue 7

**Publisher:** ACM

Full text available: [pdf\(348.83 KB\)](#) [html\(24.65 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 62, Citation Count: 0

The difference between objects and components? That's debatable.

## 12 [Why are APIs difficult to learn and use?](#)



Christopher Scaffidi

August 2006

Crossroads, Volume 12 Issue 4

**Publisher:** ACM

Full text available: [html\(34.62 KB\)](#)

**Additional Information:** [full citation](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 78, Citation Count: 0

## 13 [WARP: Web Application Rapid Prototyping](#)



Mario Bochicchio, Nicola Fiore

March 2004 SAC '04: Proceedings of the 2004 ACM symposium on Applied computing 2004

**Publisher:** ACM

Full text available: [pdf\(416.10 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#)

**Bibliometrics:** Downloads (6 Weeks): , Downloads (12 Months): , Citation Count: 1

This paper describes an environment specifically tailored for the design and the rapid prototyping of Web applications. The environment, named WARP (Web Application Rapid Prototyping), offers a set of online software tools, which assist the designer ...

**Keyw ords:** HDM, conceptual design, prototyping web application

14 [Proceedings of the 2006 ACM symposium on Applied computing](#)



Hisham M. Haddad

April 2006

proceeding

**Publisher:** ACM

Additional Information: [full citation](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

15 [Proceedings of the 2006 International workshop on Summit on software engineering education](#)



J. Barrie Thompson, Helen M. Edwards

May 2006

proceeding

**Publisher:** ACM

Additional Information: [full citation](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0


16 [History places: A case study for relational database and information retrieval system design](#)



David G. Hendry

March 2007 Journal on Educational Resources in Computing (JERIC), Volume 7 Issue 1

**Publisher:** ACM

Full text available:  [pdf\(212.70 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 26, Downloads (12 Months): 777, Citation Count: 0

This article presents a project-based case study that was developed for students with diverse backgrounds and varied inclinations for engaging technical topics. The project, called History Places, requires that student teams develop a vision for a kind ...

**Keywords:** Case-based learning, UML, conceptual modeling, database management systems, design, education, informatics, information retrieval, lucene, postgresql

17 [ACM SIGAda Ada Letters: Volume XXV Issue 3](#)



September 2005 issue Volume XXV Issue 3

**Publisher:** ACM


Additional Information: [full citation](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Citation Count: 0

**18** [Metis: lightweight, flexible, and Web-based workflow services for digital libraries](#)

Kenneth M. Anderson, Aaron Andersen, Neet Wadhwani, Laura M. Bartolo  
May JCDL '03: Proceedings of the 3rd ACM/IEEE-CS joint conference on Digital  
2003 libraries

**Publisher:** IEEE Computer Society

Full text available:  [pdf\(154.93 KB\)](#) **Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#),  
[index terms](#)



**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 65, Citation Count: 4

The Metis project is developing workflow technology designed for use in digital libraries by avoiding the assumptions made by traditional workflow systems. In particular, digital libraries have highly distributed sets of stake-holders who nevertheless ...

**19** [MumbleSearch Extraction of High Quality Web information for SME](#)

Nicola Baldini, Marco Gori, Marco Maggini  
September WI '04: Proceedings of the 2004 IEEE/WIC/ACM International  
2004 Conference on Web Intelligence

**Publisher:** IEEE Computer Society

Full text available:  [pdf\(265.54 KB\)](#)  [Publisher](#) **Additional Information:** [full citation](#), [abstract](#)  
[Site](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 9, Citation Count: 0

Although search engines are playing a crucial role for the retrieval of information from the Web, they cannot guarantee the quality required for most relevant business activities as well as for many top-level research projects. In this paper we present ...

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